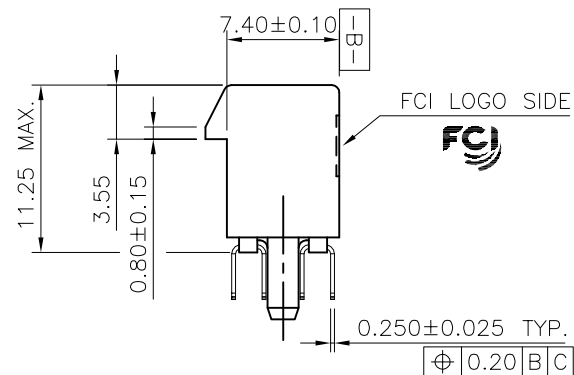
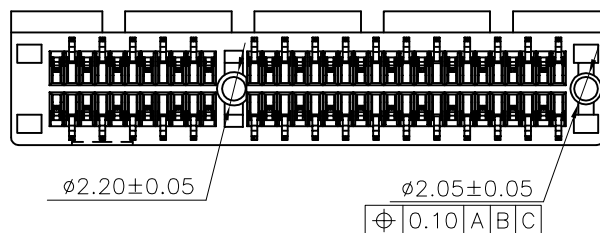


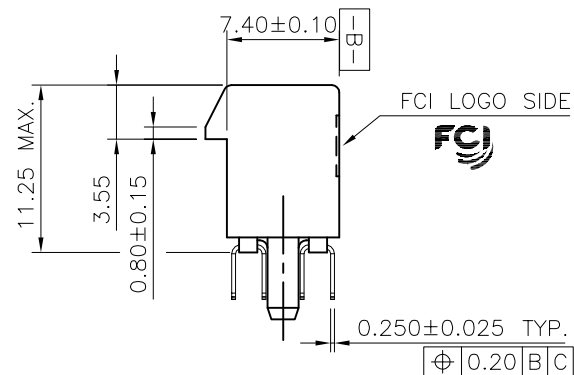
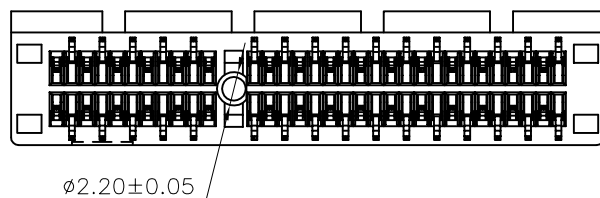
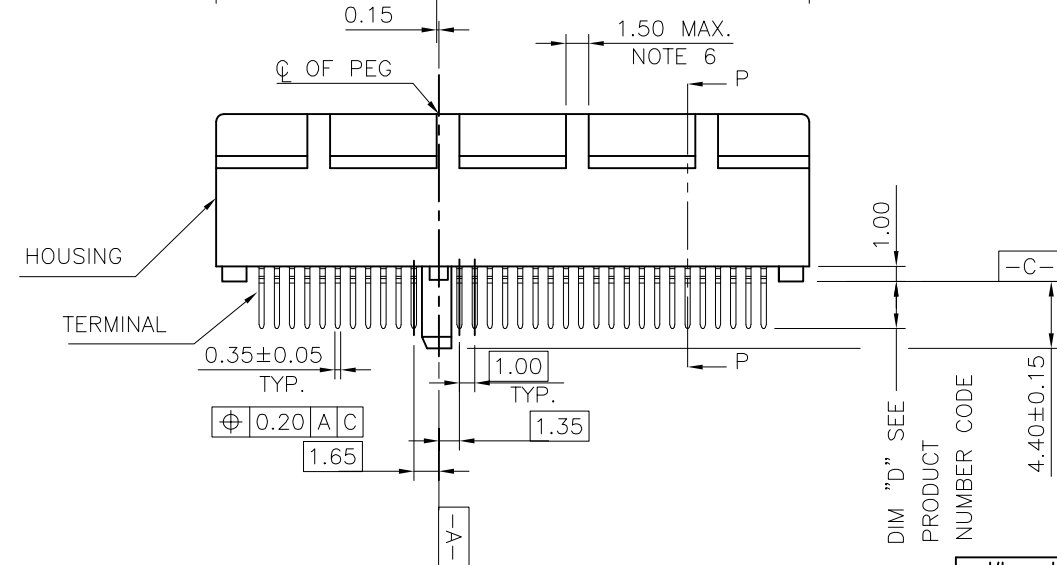
10018783-X0XXXX



TWIN PLASTIC PEG TYPE

mat'l. code				surface 58 ☒ tolerance				projection 				product familyEDGE CARD			
ltr ecn no dr date				tolerances unless otherwise specified				title				PCI EXPRESS GEN3  CARD EDGE ASSY			
T T05-0208 M-W 09/15/05				angles ☐ linear ☒ .X±0.30				MM 							
U T10-0007 J-H 1/20/10				.XX±0.20											
V ELX-DG-18311 S-T 07/16/14				0'±2' .XXX±0.10				scale 2:1							
W ELX-DG-20070 S-T 01/23/15				dr Stone Li 01/13/15				FCI 							
- - - -				engr Stone Li 01/13/15								dwg no sheet 1 of 7 size			
				chr / /								10018783A4			
				appd Collins Lu 01/13/15								typeCustomer Drawing			
sheet index		revision sheet		W	W	W	W	W	W	W	W	W	W	W	
				1	2	3	4	5	6	7					

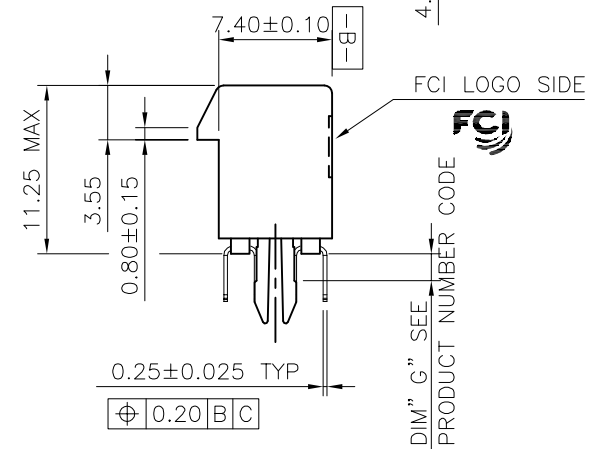
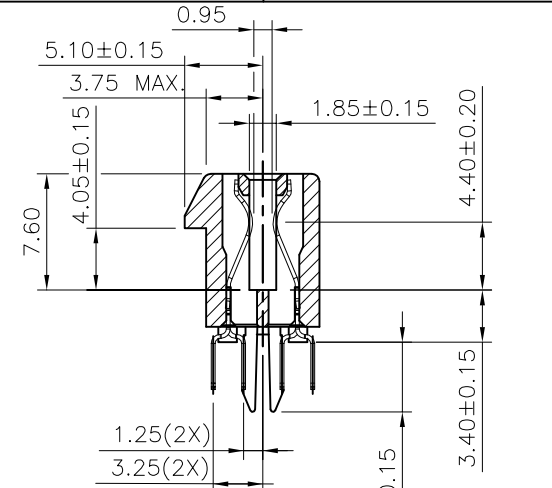
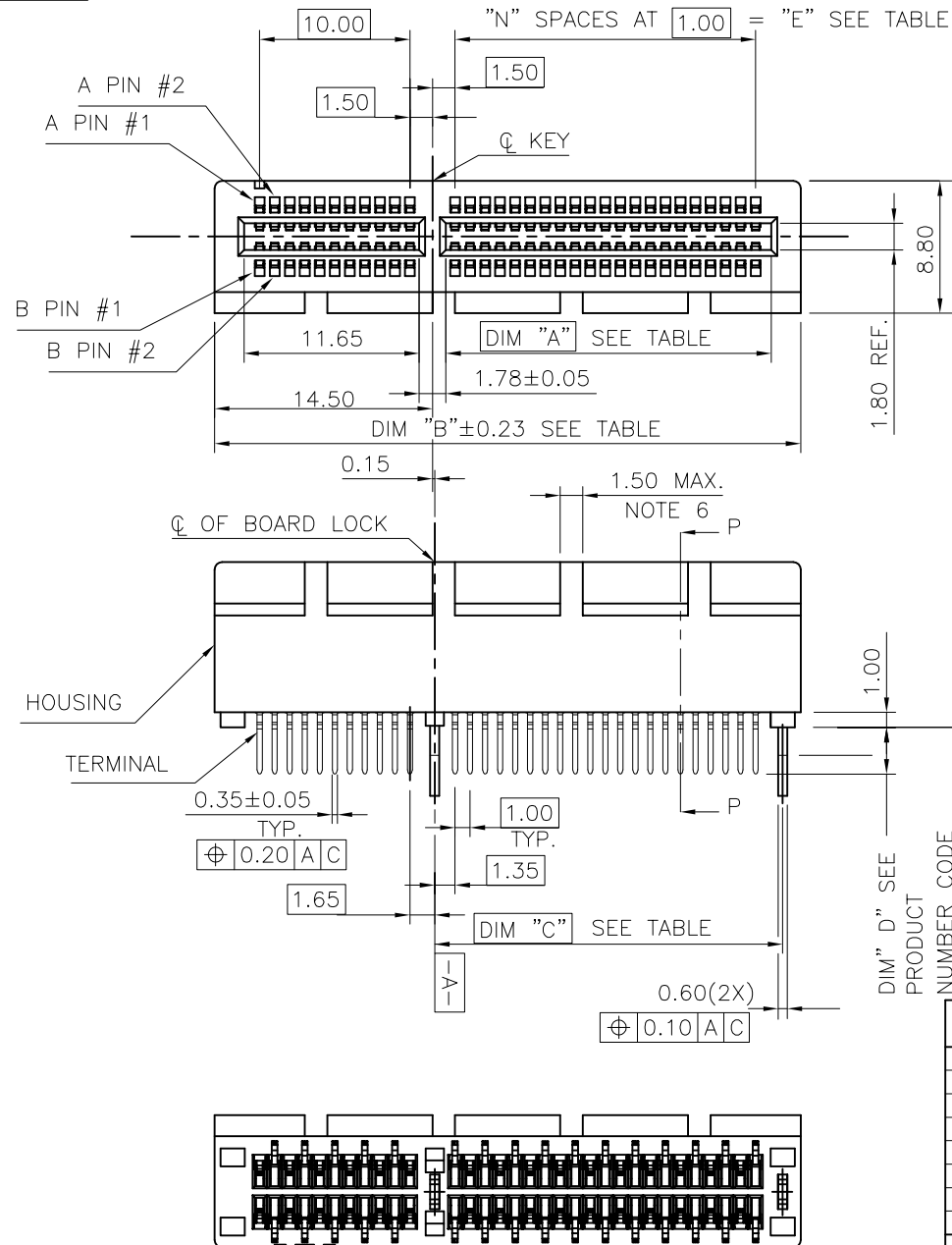
10018783-X2XXXX



SINGLE PLASTIC PEG TYPE

mat'l. code			surface 58 ✓ tolerance		projection 		product family EDGE CARD		
ltr ecn no dr date			tolerances unless otherwise specified			title			
T T05-0208 M-W 09/15/05			angles linear .X±0.30			PCI EXPRESS GEN3			
U T10-0007 J-H 1/20/10			.XX±0.20			CARD EDGE ASSY 			
V ELX-DG-18311 S-T 07/16/14			0'±2' linear .XXX±0.10			scale 2:1			
W ELX-DG-20070 S-T 01/23/15			dr Stone Li 01/13/15			dwg no sheet 2 of 7 size			
- - - -			engr Stone Li 01/13/15			10018783 A4			
			chr / /						
			appd Collins Lu 01/13/15			FCI 			
						type Customer Drawing			
sheet index		revision sheet							

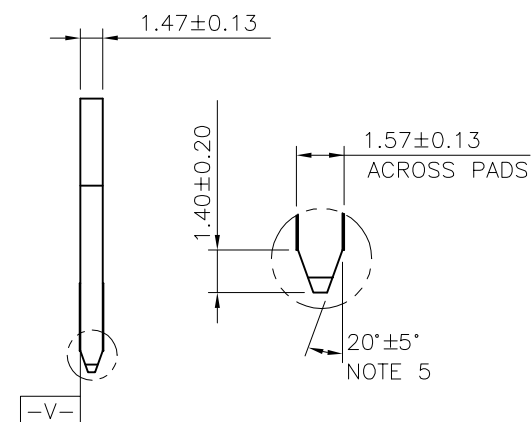
PRODUCT NO.
10018783-X1XXXX



METAL BOARD LOCKS TYPE

mat'l. code				surface $\sqrt{58}$ / tolerance		projection		product family					
								EDGE CARD					
ltr ecn no dr date				tolerances unless otherwise specified				title					
T T05-0208 M-W 09/15/05				.X $\pm$ 0.30				PCI EXPRESS GEN3					
U T10-0007 J-H 1/20/10				.XX $\pm$ 0.20				CARD EDGE ASSY					
V ELX-00-18311 S-T 07/16/14				.XXX $\pm$ 0.10				scale 2:1					
W ELX-00-20070 S-T 01/23/15				dr Stone Li 01/13/15				dwg no		sheet 3 of 7		size	
- - - -				engr Stone Li 01/13/15				10018783		A4			
				chr / /									
				appd Collins Lu 01/13/15									
sheet index		revision sheet											

4



PIN "F"	SEE TABLE	2.40±0.1
		NOTE 4

I/O PANEL DIRECTION →
SECONDARY (SOLDER) SIDE

# POS REF.	N	DIM "G"	"F"
36	6	8.15	B17
64	20	22.15	B31
98	37	39.15	B48
164	70	72.15	B81

PIN "F" SEE TABLE 2.40±0.10

ADD-IN CARD EDGE-FINGER DIMENSIONS

mat'l. code				surface $\sqrt{8}$ /tolerance		projection 		product family EDGE CARD					
ltr		ecn no		dr		date		tolerances unless otherwise specified				title	
T		T05-0208		M-W		09/15/05		angles		linear .X±0.30		PCI EXPRESS GEN3	
U		T10-0007		J-H		1/20/10				.XX±0.20		CARD EDGE ASSY	
V		ELX-DG-18311		S-T		07/16/14		0'±2'		.XXX±0.10		scale 2:1	
W		ELX-DG-20070		S-T		01/23/15		dr		Stone Li 01/13/15		dwg no	
-		-		-		-		engr		Stone Li 01/13/15		sheet 5 of 7 size	
								chr		/ /		10018783 A4	
								appd		Collins Lu 01/13/15		FCI	
												type Customer Drawing	
sheet index		revision sheet											

NOTES:

1.MATERIAL:

HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0 RATED.
TERMINAL: COPPER ALLOY.
PLATING: SEE PRODUCT NUMBER CODE
METAL BOARD LOCKS: COPPER ALLOY.
FINISH: 100u" TIN OVER 50u" NICKEL

2.PRODUCT SPECIFICATION: GS-12-233.

③THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY

A LINE THROUGH THE CENTER OF THE TWO Ø2.35 HOLES.

THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM Z.

④NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND PIN NUMBERS "F".

⑤CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

⑥FREQUENCY & LOCATION AT SUPPLIER DISCRETION. RIDGE MAY BE CONTINUOUS WITH NO BREAKS.

7.RoHS COMPATIBLE PRODUCT SPECIFICATIONS:

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE.

b - MANUFACTURING PROCESS COMPATIBILITY:

- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C±5°C TEMPERATURE FOR 10 SECONDS IN RE-FLOW APPLICATION, REFER TO GS-14-858 FOR OPERATING.

CONNECTOR	# POS REF.	N	DIM "A"	DIM "B"	DIM "C"	"E"
1 PORT	36	6	7.65	25.00	9.15	6.00
4 PORT	64	20	21.65	39.00	23.15	20.00
8 PORT	98	37	38.65	56.00	40.15	37.00
16 PORT	164	70	71.65	89.00	73.15	70.00

PRODUCT NUMBER CODE

10018783 -x x x x x □ □

LEAD FREE OPTION

HOUSING COLOR OPTIONS

0-NATURAL

1-BLACK

PEGS OPTIONS

0-PLASTIC PEGS

1-METAL BOARD LOCKS

2-SINGLE PLASTIC PEGS

TERMINAL PLATING OPTIONS

0-50u" Ni UNDERPLATE
30u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
1-50u" Ni UNDERPLATE
15u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
2-50u" Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS

LEAVE BLANK FOR TERMINAL PLATING 3.4.5
"LF" FOR TERMINAL PLATING OPTION 0,1,2

POS OPTIONS

0-36

1-64

2-98

3-164

TAIL LENGTH OPTIONS

	DIM "D"	PCB THICKNESS	BOARD LOCKS DIM "G"
0	2.30 ^{+0.25} _{-0.13}	1.56±0.10	1.70±0.15
1	3.10 ^{+0.25} _{-0.13}	2.36±0.10	2.50±0.15
2	2.54±0.25	1.56±0.10	1.70±0.15
3	1.90±0.25	1.56±0.10	1.70±0.15

PACKAGING OPTIONS

T-SOFT TRAY PACKAGING

M-SOFT TRAY PACKAGING & MYLAR TAPE. SEE FIGURE 1

Y-HARD TRAY PACKAGING (FOR 164P ONLY)

Z-HARD TRAY PACKAGING WITH MYLAR (FOR 164P ONLY)

E-HARD TRAY PACKAGING WITH ANTI-STATIC SHIELDING BAG (FOR 164P ONLY)



R-TAPE & REEL PACKAGING (FOR 36, 64, 98P)



A-TAPE & REEL PACKAGING WITH MYLAR (FOR 36, 64, 98P)

mat'l. code				surface 58	tolerance	projection	product family EDGE CARD		
lfr	ecn no	dr	date	tolerances unless otherwise specified		 MM	title PCI EXPRESS GEN3 CARD EDGE ASSY		
T	T05-0208	M-W	09/15/05	angles	.X±0.30				
U	T10-0007	J-H	1/20/10	linear	.XX±0.20	scale 1:1	dwg no 10018783		
V	ELX-00-18311	S-T	07/16/14	0°±2°	.XX±0.10				
W	ELX-00-20070	S-T	01/23/15	dr	Stone Li	01/23/15	sheet 6 of 7 size A4		
-	-	-	-	enrg	Stone Li	01/23/15			
				chr	/	/	type Customer Drawing		
				appd	Collins Lu	01/23/15			
sheet index		revision sheet							

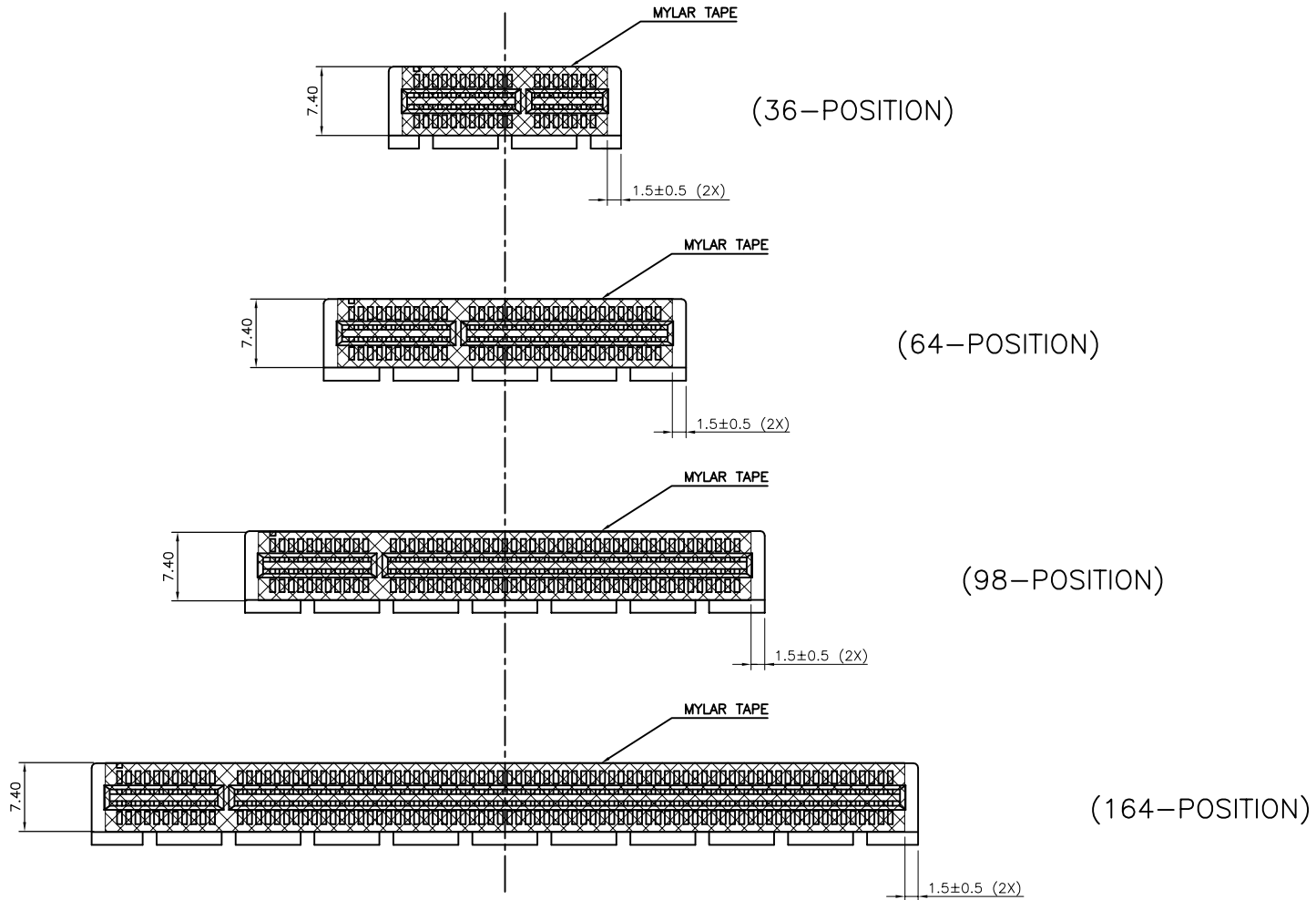


FIGURE 1

mat'l. code				surface	ss	tolerance	projection	product family		
ltr	ecr no	dr	date	tolerances unless otherwise specified				EDGE CARD		
T	T05-0206	M-W	09/15/08	angles		.X±0.30	MM	PCI EXPRESS GEN3		
U	T10-0007	J-H	1/20/10			.XX±0.20		CARD EDGE ASSY		
V	BLX-00-18211	S-T	07/16/14	0°±2°		.XXX±0.10	scale 1.5:1			
W	BLX-00-20070	S-T	01/23/15	dr	Stone	Li	01/23/15			
-	-	-	-	engr	Stone	Li	01/23/15			
-	-	-	-	chr						
-	-	-	-	app	Collins	Lu	01/23/15			
sheet index	revision	sheet						dwg no	sheet 7 of 7	size
								10018783	A4	
								type	Customer Drawing	